

SOV/115-58-5-12/36

AUTHOR: Perchikhin, K.I. and Tseytlin, V.G.

TITLE: ~~Float~~ Devices for Measuring the Mass of Liquids
(Poplavkovyye pribory dlya izmereniya massy zhidkosti)

PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 5, pp 26-28 (USSR)

ABSTRACT: The paper examines the principles and the construction of a float device for measuring the mass of liquids. The device consists of a vessel with a neck on which a water gauge is marked, and of a special float. The principle of the device is as follows: When the vessel is filled with a fluid of definite mass, the float occupies an invariable position with regard to the water mark irrespective of the liquid's density. The latter corresponds to the fluid level where $\rho = \rho_0$, where ρ_0 is the density of the fluid which was used for calibration. When the density changes from ρ_0 to ρ , the level of the fluid will change a specific amount in regard to the water mark line. The paper then develops formulae for calculating these amounts.

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Float Devices for Measuring the Mass of Liquids

These calculations reveal that an error of less than 0.05%, with a change in fluid density of not more than 20%, can easily be guaranteed. The error in measurement can be reduced to 0.01% for a fluid mass of more than 100 g and a density change of not more than 20%. The principle can be utilized for standard and everyday building dosimeters for measuring liquids in units of mass, discrete automatic mass counters, central pick-ups etc. The paper gives the design for such a device. Dosing apparatus differs from dosimeters only in the use of an automatic dosage device, consisting of induction coils which track the position of the float, contacts which activate the cut-off valves, bypass tubes etc. The author has constructed a dosimeter for measuring a liquid mass of 500 g. Experiments have shown that the maximum error when measuring the mass of various fluids (water, kerosene and gasoline) does not exceed $\pm 0.15\%$. There are 2 diagrams and 1 Soviet reference.

Card 2/2

PERCHIKHIN, S.L., referent

~~CONFIDENTIAL~~
"Statistical study of the causes of sudden cardiac arrest" by
F. Revter (from "German Public Health," no.13, 1957). Abstract.
Azerb.med.zhur. no.1:80 Ja '59. (MIRA 12:4)
(HEART FAILURE)
(REVTTER, F.)

PERCHIEHINA, N. A.

23842 PECHATANIYE TEKSTA OFSETNYM SPOSOBOM, POLIGR. PROIZVODSTVO,
1949, NO. 4, S. 9-10

SO: LETOPIS' NO. 31, 1949

POPOV, G.G., kand.tekhn.nauk; PERCHIKHINA, Ye.A., inzh.

Lasting static strength of glued steel joints. Vest.mashinostr.
43 no.5:33-35 My '63. (MIRA 16:5)
(Steel--Testing) (Gluing)

L 10508-63 EPR/EPF(c)/EWP(j)/EWT(m)/BDS--AFFTC/ASD--Pc-4/Pr-4/PS-4--FM/WW

ACCESSION NR: AF3000115

S/0122/63/000/005/0033/0035

AUTHOR: Popov, G. G. (Candidate of technical sciences); Perchikhina, Ye. A.
(Engineer)

TITLE: Rupture strength of adhesive-bonded steel joints

SOURCE: Vestnik mashinostroyeniya, no. 5, 1963, 33-35

TOPIC TAGS: adhesive bonding, cement BF-2, thermosetting adhesive, shear strength, rupture strength

ABSTRACT: The strength of steel joints bonded with BF-2 thermosetting adhesive was tested. The faying surfaces (60 x 30 mm) of specimens were coated with three layers of adhesive; each layer was dried in air for one hour and at 90C for 15 min prior to the application of the next layer. Glass cloth 0.3 mm thick, coated on both sides with adhesive and air dried for one hour, was placed between the faying surfaces, which were then pressed together under a pressure of 5 kg/cm² and held at 160--170C for 4 hr. The short-time shear strength of the bond varied from 230 to 410 kg/cm²; the most frequent (approximately 80%) value was 300 kg/cm². The shear strength of the bond depended on the time of load application. As the time of load application (rupture life) increased from 1 to

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L 10508-63

ACCESSION NR: AP3000115

1000 min, the average shear strength dropped 40%. Under a stress of nearly 50% of the short-time strength, the rupture life of the bond can reach 6-8 yr.
Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 14Jun63

ENCL: 00

SUB CODE: MA

NO REF SOV: 000

OTHER: 000

SS/91
Card 2/2

1. 3571-65 EWT(m)/EWP(w)/EPF(c)/EWP(j)/T WH/EM/RM
ACCESSION NR: AP5024818

UR/0032/65/031/010/1239/1242
620.17 : 678.5.06

AUTHOR: Popov, G. G.; Voloskov, G. A.; Perchikhina, Ye. A.

TITLE: A method for testing plastics for permanent static strength

SOURCE: Zavodskaya laboratoriya, v. 31, no. 10, 1965, 1239-1242

TOPIC TAGS: tensile strength, plastic strength, synthetic material

ABSTRACT: Tests are made for experimentally verifying the hypothesis that the variance in data on the durability of plastics can be reduced by evaluating the load capacity of a specimen from the ratio α of the permanent strength σ_p to the momentary strength σ_m . A batch of specimens was divided into two equal groups by random selection. The first group was tested for momentary tensile strength. The data were arranged in increasing order from σ_{min} to σ_{max} , and each specimen was assigned its own ordinal number. It was assumed that if the second group of specimens were tested in the same manner for momentary strength, the distribution of data would be the same as for the first group. The second group was tested for permanent static tensile strength, with the same stress being applied to all specimens. The index of relative load capacity $\alpha = \sigma_p / \sigma_m$ for each specimen has its own value associated with it.

Card 1/2

PERCHIKOV, Ya. I.

Geese fattening plant. Ptitsevodstvo 9 no.10:46 0 '59.
(Kielce, Poland--Poultry plants) (MIRA 13:2)

PERCHIKOVA, Galina Vasil'yevna, kandidat meditsinskikh nauk; VAYTSVEYG,
G.Ye., redaktor; BUL'DYAYEV, N.A., tekhnicheskij redaktor

[Rheumatism] Revmatizm. Moskva, Gos.izd-vo med.lit-ry, 1957.
31 p.

(RHEUMATIC FEVER)

(MLBA 10:10)

PERCHIKHIN, S.L., referent

"Frequency of coronary sclerosis and myocardial infarction in the postwar period" by W. Ravtenberg (from "German Public Health," no.11, 1957). Azerb.med.zhur. no.1:80 Ja '59. (MIRA 12:4)

(CORONARY VESSELS --DISEASES)

POPOV, G.G.; PERCHIKHINA, Ye.A.; KATKOV, V.G.; BOGDANCHENKO, A.G.;
TERLETSKIY, A.A.; KAGASOV, V.M.; SMAGINA, Ye.I.; KUTSEV, V.S.

Exchange of experience. Zav.lab. 28 no.4:509-511 '62.

(MIRA 15:5)

1. Vsesoyuznyy nauchno issledovatel'skiy institut zheleznodorozh-
hnogo transporta (for Popov, Perchikhina). 2. Institut fizi-
cheskoy khimii AN SSSR (for Katkov). 3. Zavod "Dneprospetsstal"
(for Bogdanchenko, Terletskiy). 4. Karagardinskiy metall-
urgicheskiy zavod (for Kagasov). 5. Gosudarstvennyy nauchno-
issledovatel'skiy i proyektnyy institut redkometallicheskoy
promyshlennosti (for Smagina, Kutsev).

(Testing machines)

Perchikova, G. Ye.

VOLYNSKIY, Z.M., prof.; GILYAREVSKIY, S.A., prof.;
 GEFTER, A.I., prof.; DEMIN, A.A., prof.; ZELENIN, V.F., prof.;
 ISTAMANOVA, T.S., prof.; KEDROV, A.A., prof.; MESHALKIN, Ye.N.,
 prof.; KEDROV, A.A., prof.; MESHALKIN, Ye.N., prof.; SAVITSKIY,
 N.N., prof.; FOGEL'SON, L.I., prof.; KHVILIVITSKAYA, M.I., prof.;
 LUKOMSKIY, P.Ye., prof., red. toma; MYASNIKOV, A.L., prof., otv.
 red.; TAREYEV, Ye.M., prof., zam. otv. red.; BAGDASAROV, A.A.,
 prof.[deceased], red.; BARANOV, V.G., prof., red.; VOVSII, M.S.,
 prof., red.[deceased]; IVANOV, V.N., prof., red.[deceased];
 KURSHAKOV, N.A., prof., red.; MOLCHANOV, N.S., prof., red.;
 NESTEROV, A.N., prof., red.; SPERANSKIY, I.I., prof., red.
 [deceased]; ZAMYSLOVA, K.N., prof., red.; PERCHIKOVA, G.Ye.,
 kand. med. nauk, red.; ERINA, Ye.V., kand. med. nauk, red.;
 LYUDKOVSKAYA, Yu.S., tekhn. red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Multivolume manual on internal diseases]Mnogotomnoe rukovodstvo
 po vnutrennim bolezniyam. Otv. red. A.L.Miasnikov. Moskva,
 Medgiz. Vol.1. [Diseases of the cardiovascular system]Bolezni
 serdechno-sosudistoi sistemy. Red. toma: P.E.Lukomskii i N.N.
 Savitskii. 1962. 686 p. (MIRA 15:12)

(Continued on next card)

PERCHIKOVA, G. Ye., Physician

"Experiment for Studying the Comparative Effect of the Ultraviolet Irradiation of Hydrogen Sulfide Baths and Mud Applications on the Functional State of the Physiological System of Connective Tissue." Thesis for degree of Cand. Medical Sci. Sub 23 Oct 50, Second Moscow State Medical Inst imeni I. V. Stalin

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950.

PERCHIKOVA, G.^V., kandidat meditsinskikh nauk.

[Cortisone and adrenocortical hormone of the hypophysis in the treatment of
rheumatic heart] Kortizon i adrenokortikotropnyĭ gormon gipofiza pri leche-
nii revmaticheskikh porazhenii serdtsa. Vop.pat.serĭ.-nos.sist.2 no.5:3-19
'53. (MLRA 6:11)

(Rheumatic heart disease) (Hormones)

PERCHIKOVA, G.Ye., kandidat meditsinskikh nauk (Moskva)

Angina and rheumatism. Fel'd. i akush. no.9:3-5 S '54. (MIRA 7:11)

(TONSILLITIS, complications
rheumatism)

(RHEUMATISM, etiology and pathogenesis
tonsillitis)

PERCHIKOVA, G. Ye.

VISHNEVSKIY, A.A.; SMELOVSKIY, S.I.; pri uchasti N.K. Galankina, A.M.
Kudryavtsevoy, G.Ye. Porchikovoy, I.I. Savchenkova (Moskva)

Surgical treatment of mitral stenosis with local anesthesia. Klin.
med. 33 no.2:3-12 P '55. (MLRA 8:5)

1. Iz Instituta khirurgii imeni A.V. Vishnevskogo AMN SSSR (dir.
prof. A.A. Vishnevskiy) i Instituta terapii AMN SSSR (dir. prof.
A.L. Myasnikov).

(ANESTHESIA, LOCAL,
in mitral stenosis surg.)

PERCHIKOVA, G.Ye., kandidat meditsinskikh nauk (Moskva)

ACTH therapy of rheumatic heart disease and modification of blood hormones, proteins, and hyaluronidase during therapy. Probl.endok. i gorm. 2 no.6:20-25 N-D '56. (MLBA 10:2)

1. Iz Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L.Myasnikov) AMN SSSR.

(RHEUMATIC HEART DISEASE, therapy,

ACTH, eff. on blood hyaluronidase, proteins & steroids (Rus))

(BLOOD PROTEINS, in various diseases,

rheum. heart dis., eff. of ACTH ther. (Rus))

(HYALURONIDASE, in blood,

in rheum. heart dis., eff. of ACTH (Rus))

(ADRENAL CORTEX HORMONES, in blood,

in rheum. heart dis., eff. of ACTH ther. (Rus))

STEPANYAN, Ye.P., doktor biologicheskikh nauk; PERCHIKOVA, G.Ye., kandidat
meditsinskikh nauk

Activity of hyaluronidase (spreading factor) in blood serum in
rheumatism. Terap. arkh. 28 no.5:5-8 '56. (MLRA 9:10)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN
SSSR prof. A.L.Myasnikov)

(RHEUMATISM, blood in,
hyaluronidase (Rus))
(HYALURONIDASE, in blood,
in rheum. (Rus))

Stepanyan, Ye.P., Perchikova, G.Ye.
STEPANYAN, Ye.P.; PERCHIKOVA, G.Ye.

Examination of hyaluronidase and histamine in blood in rheumatic heart disease. Klin.med. 35 no.5:129-131 My '57. (MLRA 10:8)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L.Myasnikov)

(RHEUMATIC HEART DISEASE, blood in
hyaluronidase & histamine determ.)

(HYALURONIDASE, in blood
in rheumatic heart dis.)

(HISTAMINE, in blood
same)

KRYMSKIY, L.D., PERCHIKOVA, G.Ye., UCHITEL', I.Ya.

Result of reproduction of experimental rheumocarditis [with summary in English]. Eksper.khir. 3 no.4:44-49 JL-Ag '58 (MIRA 11:9)

1. Iz Instituta khirurgii imeni A.V. Vishenevskogo (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Vishenevskiy) i Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov) AMN SSSR.
(RHEUMATIC HEART DISEASE, exper
significance of autoantibodies in pathogen. in rabbits
(Rus))

PERCHIKOVA, G.Ye., kand.med.nauk

Angina and rheumatic fever. Zdorov'n 4 no.6:9-11 Je '58(MIRA 11:6)
(THROAT--DISEASES)
(RHEUMATIC FEVER)

PERCHIKOVA, G.Yb., AGABABOVA, E.R. (Moskva)

All-Siberian Conference of Therapists. Terap. arkh. 30 no.9:89-92
S'58 (MIRA 11:10)

(RHEUMATIC FEVER)
(PARASITOLOGY--CONGRESSES)

PERCHIKOVA, G.Ye. (Moskva)

Clinical evaluation of active rheumocarditis in contrast to morphological data. Klin. med. 37 no.5:54-57 May '59. (MIRA 12:8)

1. Iz Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov).

(COMMISSUROTOMY,

mitral, preop. & postop. determ. of activity of rheumocarditis (Rus))

PERCHIKOVA, Galina Yevgen'yevna, kand. med. nauk; LAGUTINA, Ye.V.,
red.; NAZAROVA, A.S., tekhn. red.

[What is atherosclerosis and hypertension] Chto takoe ateroske-
roz i gipertonicheskaya bolezni'. Moskva, Izd-vo "Znanie,"
1963. 46 p. (Narodnyi universitet kul'tury: Fakul'tet zdorov'ia,
no.2) (ARTERIOSCLEROSIS) (HYPERTENSION) (MIRA 16:2)

PERCHIKOVA, G.Ye.

Twelfth Session of the Therapeutical Institute of the Academy
of Medical Sciences of the U.S.S.R. Kardiologia 1 no.3:88-92
My-Je '61. (MIRA 15:3)

(THERAPEUTICS--CONGRESSES)

PERCHIKOVA, G.Ye.

Thirteenth scientific session of the Institute of Therapeutics of
the Academy of Medical Sciences of the U.S.S.R. Kardiologiya 2 no.2:
91-94 Mr-Apr '62.

(ARTERIOSCLEROSIS--CONGRESSES) (HEART--DISEASES) (MIRA 15:4)
(HYPERTENSION--CONGRESSES) (KIDNEYS--DISEASES)

NEVEROVA, N.V.; PERCHIKOVA, G.Ye., red.; BALDINA, N.F., tekhn. red.

[Polyarthrits in children] Poliartrit u detei. Moskva, Medgiz,
1961. 37 p. (MIRA 14:12)

(ARTHRITIS)

PERCHIKOVA, G.Ye., kand.med.nauk

Prevention of cardiac neuroses. Zdorov'e 7 no.7:12-13 J1 '61.
(MIRA 14:6)

(NEUROCIRCULATORY ASTHENIA)

PERCHIKOVA, G.Ye. kand.meditsinskikh nauk

Eleventh session of the Institute of Therapy of the Academy of
Medical Sciences of the U.S.S.R. Vest.AMN SSSR 15 no.5:81-85 '60.

(MEDICINE--CONGRESSES)

(MIRA 14:3)

PERCHIKOVA, G.Ye., kand.meditsinskikh nauk (Moskva)

Achievements and prospects in the control of cardiovascular diseases.
Med. sestra 19 no. 10:3-7 0 '60. (MIRA 13:10)
(CARDIOVASCULAR SYSTEM—DISEASES)

PERCHIKOVA, G.Ye., kand.meditinskikh nauk

Treatment of cardiac insufficiency with reserpine and ganglion-
blocking drugs especially in patients with hypertension. Sov. med.
24 no.4:43-47 Ap '60. (MIRA 13:8)

1. Iz Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR prof.
A.S. Myasnikov) AMN SSSR.

(RESERPINE)

(HEART-FAILURE)

(AUTONOMIC DRUGS)

(HYPERTENSION)

PERCHONOK, I.S.; PRAVOVEROV, K.N.; BIRYUKOVA, V.I.

Use of gas infrared radiators in the production of structural parts.
Gaz. prom. 10 no.6:32-34 '65. (MIRA 18:6)

PERCHUK, L.L.

Paragenesis of nepheline with alkali feldspar as a possible index
of the thermodynamic conditions of mineral equilibrium. Dokl. AN
SSSR 161 no.4:932-935 Ap '65. (MIRA 18:5)

1. Institut geologii rudnykh mestorozhdeniy petrografii, mineralogii
i geokhimii AN SSSR. Submitted August 7, 1964.

PERCHUK, L.L.; ZYRYANOV, V.N.

Mineral facies of the alkalinity of astrophyllitic rocks. Dokl.
AN SSSR 162 no.3:671-673 My '65. (MIRA 18:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimii AN SSSR. Submitted January 22, 1965.

3(5)

SOV/20-126-5-48/69

AUTHORS: Shinkarev, N. F., Perchuk, L. L.

TITLE: On a Discovery of Alkaline Gabbroids in the Alaysko-Turkestan-
kaya Alkaline Province (O nakhodke shchelochnykh gabbroidov v
Alaysko-Turkestanskoy shchelochnoy provintsii)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 5,
pp 1084 - 1085 (USSR)

ABSTRACT: The rocks of the series mentioned in the title are very rare,
and were found in the mentioned province only in 1957-58 when
the Zardalekskiy intrusive complex was closely investigated. It
is situated on the middle course of the river Sokh in the midst
of carbonate Silurian deposits. This intrusion has several phases
and a complicated structure. The alkaline gabbroids are represent-
ed by several varieties. Thus, theralite-gabbro, teschenites
as well as analcite-monzonites are bound to the 1st phase (con-
sisting of eucrites and monzonites). Essexites were found among
the rocks of the 2nd phase (melanocratic syenites). The 3rd
phase consists of nepheline- and sodalite-syenites. The authors
give a detailed description of the alkaline gabbroids together
with all varieties mentioned. Table 1 brings the chemical ana-
lysis of the rocks of the Zardalek intrusion (according to A. N.
Zavaritskiy). Finally, it should be mentioned that the vein de-

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On a Discovery of Alkaline Gabbroids in the Alaysko-Turkestan
Turkestan'skaya Alkaline Province SOV/20-126-5-48/69

rivatives of the magmatic center (dolerites and monzonites) are very similar to the rocks of the 1st phase. Bostonites and syenite-porphyrines correspond to the syenites of the 2nd phase. On the other hand, no vein varieties of the series of alkaline gabbroids were found in the area of the intrusion and its halo. This establishes a correlation between the formation of the mentioned rocks and the assimilation processes of carbonate material by magma and a differentiation in situ. There is 1 table.

PRESENTED: February 24, 1959, by D. S. Korzhinskiy, Academician

SUBMITTED: February 23, 1959

Card 2/2

PERCHUK, L.L.

Microclinization of nepheline and alkaline syenites; metasomatic zoning, series of mobile components and some parageneses. Dokl. AN SSSR 150 no.3:646-648 My '63.
(MIRA 16:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR. Predstavleno akademikom D.S. Korzhinskim.

(Syenite) (Microcline)

PERCHUK, L.L.; ZVEROVICH, E.I.

Deduction of formulas for the calculation of monovariant reactions of multicomponent systems by means of standard calculating machines [with summary in English]. Geokhimiia no.1:82-89 '62. (MIRA 15:2)

1. Institute of the Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry, Academy of Sciences U.S.S.R., Moscow.
(Calculating machines)(Chemical reactions)(Mineral--Analysis)

PERCHUK, L.L.

Dependence of the isoelectric points of ionized amphoteric oxides
on temperature and their significance for geochemistry. *Geokhimiia*
no.11:1138-1145 N '64. (MIRA 18:8)

1. Institute of Geology of Ore Deposits, Petrography, Mineralogy
and Geochemistry, Moscow.

PERCHUK, Leonid L'yovich; KORZHINSKIY, D.S., akademik, glav. red.;
ZHARIKOV, V.A., otv. red.

[Physicochemical petrology of the granitoid and alkali
intrusions of the central Turkestan and Alay Ranges]
Fiziko-khimicheskaya petrologiya granitoidnykh i shche-
lochnykh intruzii Tsentral'nogo Turkestano-Alaya. Moskva,
Izd-vo "Nauka," 1964. 240 p. (MIRA 17:6)

PERCHUK, L.L.; OMEL'YANENKO, B.I.; SHINKAREV, N.F.

Phases, facies, and genesis of alkaline intrusives in the
Khodzhaachkan Basin (Alay Range). Izv. AN SSSR Ser.geol.
26 no.12:13-23 D '61. (MIRA 14:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimi AN SSSR, Moskva.
(Tien Shan--Rocks, Igneous)

PERCHUK, L. L.

Effect of the acid-base interaction of the components in the
system aegirite-hedenbergite-diopside. Dokl. AN SSSR 147
no.6:1461-1464 D '62. (MIRA 16:1)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimii AN SSSR. Predstavleno akademikom
D. S. Korzhinskim.

(Aegirite) (Hedenbergite) (Diopside)

SHINKAREV, N.P.; IL'INSKIY, G.A.; PERCHUK, L.L.

Zardalek alkali complex (Alay Range). Zap. Vses. min. ob-va 89
no.1:26-36 '60. (MIRA 13:10)

1. Leningradskiy universitet i Kirgizskoye geologicheskoye
upravleniye. (Alay Range--Petrology)

YELPAT'YEVSKAYA, O.D.; MATUS, I.A.; PERCHUK, V.A.

Oscillographic measurement of the electromagnetic torque of
alternating-current machines using a film-type Hall effect detector.
Zhur. tekhn.fiz. 28 no.9:2019-2021 S '58. (MIRA 11:10)

1. Institut pelupovednikov AN SSSR, Leningrad.
(Electric machinery) (Oscillography) (Hall effect)

8(2), 8(5)

SC/105-59-2-12/25

AUTHORS:

Yelpat'yevskaya, O. D., Candidate of Physical-Mathematical Sciences, Matus, I. A., Engineer, Perchuk, V. A., Engineer

TITLE:

How to Take Electromagnetic Torque Oscillograms of A.C. Electrical Machines Using Hall-Effect EMF Transmitters (Otsillo-grafirovaniye elektromagnitnogo momenta elektricheskikh mashin peremennogo toka s pomoshch'yu datchikov e.d.s. Kholla)

PERIODICAL: Elektrichestvo, 1959, Nr 2, pp 48-52 (USSR)

ABSTRACT:

The use of batteries of film transmitters of the Hall emf for taking electromagnetic torque oscillograms of a.c. motors (Ref 9) is described. This torque is proportional to the difference of formula (1). According to (1) the batteries of the Hall emf transmitters are mounted in a recess in the stator. Each of them is situated symmetrically in relation to the magnetic longitudinal axes of any two phases of the stator winding. At such a transmitter position the vector of the rotating magnetic field is recorded by each transmitter battery in the form of a projection on the magnetic axis of the corresponding phase. If currents that are proportional to the currents in the opposite phases are circulated through the batteries and the Hall outputs are connected in series

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How to Take Electromagnetic Torque Oscillograms of A.C. Electrical Machines
Using Hall-Effect EMF Transmitters

a Hall emf is attained, at the total output of the battery, of a value proportional to the instantaneous value of the electromagnetic torque of the electric motor as may be seen from formula (1). The elimination of the first harmonic of the rotating magnetic field takes place in accordance with the method of the harmonic analysis according to the Perri formulae (Ref 10). The choice of the number of transmitters in each battery depends on the winding data of the machine and on the necessity of eliminating the highest harmonics of the magnetic field up to the harmonics of sufficiently high order. The transmitters in each battery must be evenly spaced. The two possible cases are indicated. The utmost accuracy is achieved when the transmitter is mounted on each tooth on the length of a pole pitch. The transmitters are supplied by current transformers connected to the phases A and B. Gives feeding and positioning the transmitters. The disturbances are investigated. In spite of all tests parasitic emfs and the emf of the mutual inductance appear. The first mentioned ones require the insertion of filters into the Hall circuit. Summarizing the following is stated: Measuring the electro-

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SCV/105-59-2-12/25

How to Take Electromagnetic Torque Oscillograms of A.C. Electrical Machines
Using Hall-Effect EMF Transmitters

magnetic torque by means of film transmitters of the Hall emf can be done by using the above described method at synchronous and induction machines. Calculation of the deviation of the beam at static operation have shown that the error did not exceed 5%. For practical measurements 3 (in some cases even 2) transmitters per battery are sufficient and give thoroughly acceptable results. The signal of the electromagnetic torque can be used as electrical quantity in systems of automatic control. A. R. Regel' discussed the work with the authors. V. N. Yeremeyeva and L. P. Ivanov assisted the work in technical respect. There are 5 figures, 2 tables, and 11 references, 7 of which are Soviet.

SUBMITTED: November 18, 1957

Card 3/3

PERCHUK, V. A.

FALSE 1 BOOK EXPIRATION ON 30V/4553

Vasyluskoje ob'edinenije sverkhbanijs po atomam i zashchite proizvodstvennykh professorov v mashinostroyenii i avtomatizirovannom elektrifikatsii v proektsionnoy kosh. 34, Moscow, 1959

Electroplated, antiozonant, polyethylene, ultraviolet, and x-ray transparent films. (Electric Drive and Automation in Industrial Systems) Translations of the foreign literature. Moscow, Gosenergoizdat, 1960. 470 p. 19,000 copies printed.

General Eds.: I.I. Petrov, A.A. Sirovkin, and N.G. Chilikina; Eds.: I.I. Sud, and
K.P. Silayev; Tech. Eds.: E.P. Voronin, and G.Ye. Lashinov.

PURPOSE: The collection of reports is intended for the scientific and technical personnel of scientific research institutes, plants and schools of higher education.

[illegible]

GENERAL PROBLEMS CONCERNING THE THEORY AND PRACTICE OF ELECTRIC DRIVE AND AUTOMATION OF CONTROL

Jumiller, J.J., Candidate of Technical Sciences, and B. E. A. Zmmerli, Engineer.
"Year-Resistant Three-Pole A-C K-Type Contactors for Magnolia Starters of the
PA Series"

Kumilov, I.S., Candidate of Technical Sciences, and M.A. Kizilayevskiy and A.I. Tsimchik, Engineers. Apparatus for Protecting Electric Motors Against Overloading.

Yermolayev, I. M. and N. S. Kuznetsov, Candidates of Technical Sciences. Small size starting equipment for D-6 Motors

Goldobekov, A.A., and A.K. Denisova, Engineers. 2000-a. Reverber for a Gas-
Turbine Controlled Drive

Yermolayev, J. M., Candidate of Technical Sciences, and V. G. Krut'yanov, Assistant, Smol'skoe Intermediate Heavy-Current Belays?

Goldbecker, A.L., Jr., Designer and I.E. Sullivan, Engineers. Automatic Low-Current Single-Pole Switches

Topic: Thermodynamics, O.D.s, Candidates of Physical and Mathematical Sciences.
Properties of Hall and Peltier Effects and Their Use in Magnetic Flux Measure-
ments

Telephoto, Inc., Candidates of Physical and Mathematical Sciences, and
I. A. Matius and V. I. Parnik, Engineers. Oscillograph Recording of the Electric
Magnetic Moment of Klystron Machines by Means of Hall EPR Film Plates

McClendon, L.T., Engineer. Errors in Determining Magnetics Flux under
Transient Operating Conditions of D-C Machines by Means of Ball Dry Film
Plots

AVAILABLE: Library of Congress (TK4058.V8 1959)

YEL'PAT'YEVSKAYA, O.D., kand.fiz.-mat.nauk; MATUS, I.A., inzh.;
PERCHUK, V.A., inzh.

Taking oscillograms of electromagnetic torques in electric a.c.
machines by means of transducers using the e.m.f. of the Hall effect.
Elektrichestvo no.2:48-52 F '59. (MIRA 12:4)
(Oscillography)
(Electric machinery--Alternating current)

SOV/57-28-9-23/33

AUTHORS: Yel'pat'yevskaya, O. D., Matus, I. A., Perchuk, V. A.

TITLE: Oscillographing the Electromagnetic Moment of Alternating Current Machines With Hall-EMF Battery Transmitters
(Ostsillografirovaniye elektromagnitnogo momenta elektricheskikh mashin peremennogo toka s pomoshch'yu plenochnykh datchikov eds Kholla)

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1958, Nr 9, pp. 2019-2021 (USSR) /Vol 28,

ABSTRACT: This is a report on the generalization of the battery method to alternating current machines. In references 7 and 8 methods were published permitting the measurement of the electromagnetic moment of d.c. machines by means of Hall-(Kholl) EMF battery transmitters and to produce oscillograms. The following theoretical considerations were the premise for this generalization: It can be shown that the electromagnetic moment of a.c. machines is proportional to $M_e = k(i_A \bar{\Phi}_B - i_B \bar{\Phi}_A)$, where M_e denotes the electromagnetic moment of the machine, k a proportionality factor, i_A and i_B the instantaneous current values in the phase A and B, respectively, and $\bar{\Phi}_A$ and $\bar{\Phi}_B$ the instantaneous values of

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SOV/57-28-9-23/33

Oscillographing the Electromagnetic Moment of Alternating Current Machines
With Hall-EMF Battery Transmitters

the magnetic fluxes in each phase which are generated by the phases A and B. In order to obtain the instantaneous values of the magnetic fluxes in each phase the Hall-EMF film batteries were placed symmetrically at the inner stator surface in the (longitudinal) magnetic axes of the respective phases. The number of cells in the battery is determined by the requirement to exclude the highest harmonics of the rotating magnetic field and is dependent upon the winding lay-out of the machine. In this investigation each battery consisted of three Hall-EMF transmitters. They were placed each at an angle of 60 electric degrees. The middle transmitter was located immediately at the phase axis. In order to exclude the first harmonic of the component of the rotating electromagnetic field such a current was admitted by the middle transmitter of each battery as to raise the sensitivity of this transmitter (such a distribution of the sensitivities follows from the Fourier (Fur'ye) formula) to twice that of the side transmitters. If the transmitters are placed in such a way the instantaneous values of the projection of the vector $\vec{F}$ of the first harmonic of the rotating magnetic field upon the corresponding axis are measured, that is to say

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Oscillographing the Electromagnetic Moment of Alternating Current Machines
With Hall-EMF Battery Transmitters

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the instantaneous values of the flux coupled with the winding of the respective phase. These quantities are multiplied by the instantaneous values of the phase currents. When two transmitter outputs are counterbalanced the alternating components of the Hall-EMF cancel whereas the constant components add and provide signals proportional to the electromagnetic moment. It is necessary to use batteries with an equal overall sensitivity. At present a study is being made to reduce the noise to a minimum, and to design a filter with a narrow resonance band. Detailed results of this paper and the description of the method will be published later. The Head of the Laboratory A. R. Regel' discussed the work with the authors. V. N. Yermeyeva and A. P. Ivanov assisted in the technicalities of the experiments. There are 1 figure and 10 references, 4 of which are Soviet.

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of Semiconductors, AS USSR, Leningrad)

Card 3/4

KOLESNIKOV, N.V., inzh.; PERCHUK, V.Z., kand. tekhn. nauk

Methods of evaluating the reliability of marine automatic control
equipment. Sudostroenie 30 no.9:47-49 S '64.

(MIRA 17:11)

PERCHIK, V.M.

PERCHIK, V.M.; PERCHIK, V.M.

Condensation of glycidic esters with aromatic amines. Zhuravskiy, V.M.
27 no.6:1491-1503 Se '57. (1957)

1.1'vostanij gosudarstvennyy universitet i 1.1'vostanij gosudarstvennyy
skiy institut.

(Moscow, U.S.S.R.)

PERCHONOK, L.

SHTEYNBERG, V., inzhener; ~~PERCHONOK~~, L., inzhener.

Parquet sanding machine. ~~Stoitel~~ 2 no.10:19 0 '56.
(Grinding and polishing) (Parquet floors)

(MIRA 10:1)

PERCHONOK, L.

SHTEYNBERG, V., inzhener; PERCHONOK, L.

Electric heater on telescopic stand. Stroitel' 2 no.6:23 Je '56.
(Electric heating) (MIRA 10:1)

AUTHORS: Yel'pat'yevskaya, O. D., Engineer, SOV/105-58-7-7/32
Perchuk, V. A., Engineer (Leningrad)

TITLE: Oscillographing the Electromagnetic Moment in Electric Direct
Current Machines by Means of the Hall Effect in Semi-Conductors
(Ostsillografirovaniye elektromagnitnogo momenta v elektricheskikh
mashinakh postoyannogo toka s pomoshch'yu effekta Kholla v polu-
provodnikakh)

PERIODICAL: Elektrichestvo, 1958, Nr 7, pp. 31 - 35 (USSR)

ABSTRACT: Thin mercury selenide films which were applied on to a mica
base, were used for the measuring of the magnetic field in the
air gap of the electromotor. The most important advantages offered
compared to monocrystalline transmitters are the elasticity of
the film transmitters and their thinness. Production of the
film transmitters of Hall's (Goll) electromotive force and the
manner of mounting them on the pole of the electromotor are described.
The measuring method, zero compensation and the tuning of the
transmitters are described. Special methods of compensation are
applied. Zero compensation is carried out here by means of

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Oscillographing the Electromagnetic Moment in
Electric Direct Current Machines by Means of the Hall Effect in Semi-Conductors

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selection of resistances connected between one of the current-
-method and one of the Hall-method. The interferences are inves-
-tigated and two ways for reducing the influence of the electro-
motive force of the mutual induction are shown: 1) Increase in
the sensitiveness of the film transmitters and 2) Introduction of
a filtrating coil into the Hall circuit. The results obtained
by tests are summarized as follows: 1) Oscillographing of the
electromagnetic moment of a direct current motor according to
the method of the Hall effect in semi-conductor films is possible
on principle and gives sufficiently accurate practical results.
2) The semi-conductor transmitters of the Hall e.m.f. are
inertialess and the inertia with oscillographing is determined
exclusively by the vibrator-characteristics in the case of
lacking of a polishing filter. 3) The transmitters of Hall's
e.m.f. (electromotive force) are simple with respect to their
manufacturing method and can be produced in laboratories. 4)
Mounted on electromotors they can be used for years. The sensi-
tiveness of the transmitters changes at most for 10%. 5) They
can be used tightly sealed and in a humid medium. 6) According to
this method, the electromagnetic moment of the electromotor

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Oscillographing the Electromagnetic Moment in SOV/105-58-7-7/32
Electric Direct Current Machines by Means of the Hall Effect in Semi-Conductors

1. Semiconductors--Applications 2. Oscillographs--Test methods 3. Generators
(D. C.)--Electromagnetic properties

Card 4/4

PERCHUK, V.A.

AUTHORS: Yel'pat'yevskaya, O. D., Perchuk, V. A. 57-27-7-27/40

TITLE: Oscillographic Measurement of the Electromagnetic Moment of a Direct-Current Motor With the Aid of Film Transmitters of the Hall-EMF (Ostsillografirovaniye elektromagnitnogo momenta elektrodvigatelya postoyannogo toka s pomoshch'yu plenochnykh datchikov eds Kholla).

PERIODICAL: Zhurnal Tekhnicheskoy Fiziki, 1957, Vol. 27, Nr 7, pp. 1595-1596 (USSR)

ABSTRACT: Not monocrystals but thin semiconductor-films of mercury selenide or mercury telluride were here used as sensitive transmitters of the Hall-EMK. The magnetic permeability of the air was assumed equal to one. At first only one film was used, as the authors assumed that below the center of the pole shoe the magnetic induction is proportional to the total magnetic flux. But as this is not accurate the attempt was made, for the purpose of obtaining exacter measurements, to perform an approximate integration of the magnetic flux according to one of the mathematical formula with the aid of several transmitters that were fixed along the pole and connected with the battery. It is assumed that the error

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Oscillographic Measurement of the Electromagnetic
Moment of a Direct-Current Motor With the Aid of
Film Transmitters of the Hall-EMF

57-27-7-27/40

of measurement is not above 5 %. Satisfactory results were already obtained with three film transmitters. The tests made show the possibility of the use of thin semiconductor-films in the measurement of the electromagnetic moment of a direct-current motor in the case of transition- and static methods of operation. There are 3 references, all of which are Slavic.

ASSOCIATION: Institute for Semiconductors AS USSR, Leningrad
(Institut poluprovodnikov AN SSSR, Leningrad)

SUBMITTED: February 15, 1957

AVAILABLE: Library of Congress

Card 2/2

1. Electric motors (D.C.)-Electromagnetic moment-Measurement
2. Oscillorgraphs-Applications
3. Semiconductor-films-Applications
4. Mercury selenide-Applications
5. Mercury telluride-Applications

Perchuk, V.A.
YELPAT'YEVSKAYA, O.D.: PERCHUK, V.A.

Hall e.m.f. film source for the oscillographic observation of the
electromagnetic moments of d.c. motors. Zhur. tekhn. fiz. 27 no.7:
1595-1596 J1 '57. (MLRA 10:9)

1. Institut poluprovodnikov AN SSSR, Leningrad.
(Oscillograph)

PERCIC, Vinko; LIEMAN, Emil; SVRAKA, Ladislav; STOJSIC, Stevan

Functional and histological changes in the gastric mucosa in cardiac patients. Med. pregl. 18 no. 3:81-87 ' 65.

1. Odeljenje za unutrasnje bolesti Gradske bolnice u Subotici (Nacelnik: dr. Vinko Percic) ; Odeljenje za patologiju i patolosku histologiju Gradske bolnice u Subotici (Nacelnik: dr. Ladislav Svraga).

PERCIC, Vinko; STOJSIC, Stevan; SVRAKA, Ladislav

Histological and functional examination of the gastric mucosa
in peptic ulcer. Med. prgl. 17 no.12:625-629 '64.

1. Odeljenje za unutrašnje bolesti Gradske bolnice u Subotici
(Nacelnik: dr. Vinko Percic) i Odeljenje za patologiju i patološku
histologiju Gradske bolnice u Subotici (Nacelnik: dr. Ladislav
Svraka).

PERCINKOVSKI, Radovan; NIKOLOVSKI, Stevan; KOTEVSKI, Ljubomir; ANGOV,
Dordi

Electrocardiogram in carcinoma. God.Zborn.Med.Fak.Skopje
no.10:56-63 '63.

PERCIUN, N.

Telephone Communication on Power Transmission Lines. Electrotehnica
(Electrical Engineering), #4:145: Apr 55

PERCIUN, N.

Some problems of operation of telecommunication installations
on electric traction railroads. Rev callor fer 12 no. 4:196-204
Ap '64.

PERCIUN, N., ing.

Personnel and communication equipment protection against
tension voltage and dangerous currents. Pt. 2. Rev cailor fer
11 nb.8:453-458 Ag '63.

1. Sectia CT 1 Bucuresti.

PERCIUN, N., ing.

Personnel and communication installation protection against
tension voltage and dangerous currents. Rev callor fer 11
no.7:394-400 J1 '63.

1. Sectia CT 1 Bucuresti.

PERCIUN, N.

"Increase of the capacity of telecommunication-cable lines."

p. 85 (Probleme Feroviare) Vol. 3, no. 3, Mar. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

KLAIN, B., ing.; PERCIUN, P.

Influence of terrestrial rotation on the stability of river beds.
Meteorologia hidrol gosp 7 no.2:147-150 '62.

COUNTRY : RUMANIA H
CATEGORY : Chemical Technology. Chemical Products and
Their Application. General
ABS. JOUR. : RZhKhim., No 17, 1959, No. 61087
AUTHOR : Percu. S.
INSTITUTE : -
TITLE : Energy Economics in Chemical Industry
ORIG. PUB. : Tehn. noua; 1958, 5, Nr 185, 6
ABSTRACT : No abstract

Card: 1/1

18
 / Rapid method for the determination of particle-size distribution of alumina hydrate and for the specific gravity of seeding particles. Arpád Perczel (Fémipari Kutató Intézet, Budapest, Hung.). Fémipari Kutató Intézet Közleményei No. 2, 34-47(1958).—After reviewing the various published methods for the detn. of particle size (14 references), it was found that Wiegner's method (cf. Buzságh, Kolloidok, 1936 (C.A. 30, 2478⁹)) is the most suitable for rapid and accurate industrial measurements. By using water as dispersant the distribution of 40-100- μ particles can be detd., whereas MeOH is used for particles of 15-60 μ size. Sp. gr. can be rapidly and accurately detd. by using a pycnometer. Sp. gravities of various alumina hydrates were found to be 2.42 for hydrargillite, 3.01 for böhmite, 2.53 for bayerite, and 3.413 for diaspor. L. C. Arvni

5
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PERCZEL A.

Country : Hungary
Category :

H-8

Abs. Jour. :

39218

Author : Magyarosy, E., Mariassy, M., and Perczel, A.

Institut. : Hungarian Academy of Sciences

Title : Investigation of the Causes of Al_2O_3 Losses During
the Leaching of the Sinter in the Production of
Alumina by the Bayer Process

Orig Pub. : Acta Tech Acad Sci Hung, 21, No 3-4, 275-289 (1958)

Abstract : The authors have made a theoretical analysis of the
hydrolysis process and of the equations for the
equilibrium constant and for the rate of reaction.
A method has been developed for the determination of
 Al_2O_3 losses resulting from the hydrolysis of sili-
cates. The kinetics of the reaction of aluminate
solutions with the red mud after leaching when dif-
ferent production procedures are used have been in-
vestigated, and the effect of additions of various
salts on the degree of hydrolysis of alkalis and on
the magnitude of the Al_2O_3 losses has been determined.
Numerical data are presented together with curves

Card: 1/2

Inst Metals Research, Budapest

PERCZEL, Gyorgy

Territorial distribution of oxygen, nitrogen, rare gas and dissolved acetylene production in Hungary. Foldr kozl 12 no.4:339-345 '64.

1002017 LSTYAN

Quick methods for determination of "total" nitrogen, phosphorus, and potassium in manures. János Sarkadi, István Petró, György Belka, Gyula Latorczai, and Helene Legény (Agrokémiai Kutató Intézet Szervezőosztály, Budapest). *Agrokémia és Talajtan* 4, 71-80 (1955) (German summary).—The samples of manure were broken down chemically, by using the modified Jodbauer method in the 1st batch, and H_2SO_4 and H_2O_2 in the 2nd batch. The N was detd. by the Kjeldahl method. The results obtained by the 2 different methods showed good agreement. The P_2O_5 was detd. colorimetrically; the phosphomolybdate complex was reduced with metal. K_2O was detd. with the use of Schunknecht-Waibel flame photometer. Nella Hellinger

SZALAI, Sándor, dr., akadémikus; HORVATH, László Gábor, dr.; FODOR, Márk, dr.; ILLYES, Gyulane; CSIRSZKA, János, dr.; SANDELHAUSEN, Miklós, dr.; RETI, László, dr.; SEWERINI, Erzsébet, dr.; PERCZEL, József, dr.

Discussion. Magyar pszichológiai szemle 17 no.3:296-317 '60.

1. Magyar Tudományos Akadémia Közlökedestudományi Főbizottságának tagja (for Horvath).

PERCZEL, Jozsef, dr.

Classification of the tasks of work psychology. Magyar pszichol
szemle 18 no.1:80-83 '61.

GEGESI KISS, Pal, dr., akademikus; RETI, Laszlo, dr.; HARSANYI, Istvan, dr.;
LIEBERMANN, Lucy P.; GARAI, Laszlo; PERCZEL, Jozsef, dr.; KARDOS,
Lajos, dr.; MOLNAR, Imre, dr.; HORVATH, Laszlo Gabor, dr.;
LENARD, Ferenc, dr.; SALAMON, Jeno, dr.

Hungarian achievements in the field of psychology in 1961; also,
remarks by Laszlo Reti, Istvan Harsanyi, Lucy Liebermann, Laszlo
Garai, Jozsef Perczel, Lajos Kardos, Imre Molnar, Laszlo Gabor
Horvath, Ferenc Lenard and Jeno Salamon. Magy pszichol szemle
19 no.3:274-314 '62.

1. Magyar Tudomanyos Akademia Pszichologiai Bizottsaga elnoke,
es "Magyar Pszichologiai Szemle" foszerkesztoje (for Gegesi Kiss).
2. "Magyar Pszichologiai Szemle" szerkeszto bizottsagi tajga (for
Liebermann, Kardos, Molnar, Lenard).
3. "Magyar Pszichologiai
Szemle" technikai szerkesztoje (for Lenard).

GEGESI KISS, Pal, dr., akademikus; HORANYI, Bela, dr.; BARTHA, Lajos, dr.;
HORVATH, Laszlo, Gabor, dr.; P.LIEBERMANN, Lucy; PERCZEL, Jozsef, dr.;
LENARD, Ferenc, dr.; CSERSZKA, Janos, dr.; SEVERINI, Erzsebet, dr.;
KARDOS, Lajos, dr.

The 1962 work of the Committee on Psychology, Hungarian Academy of
Sciences. Magyar pszichol szemle 20 no.3:337-386 '63.

1. Magyar Tudomanyos Akademia Pszichologiai Bizottsaga elnoke;
"Magyar Pszichologiai Szemle" foszerkesztoje (for Gegesi Kiss).
2. "Magyar Pszichologiai Szemle" szerkeszto bizottsagi tagja
(for Horanyi, Bartha, Horvath, P.Liebermann, Lenard and Kardos).

PERCZEL, Karoly

"Map of the attractive spheres of the French cities" by G.Chabet.
Reviewed by Karoly Perczel. Geod kart 14 no.6:469-470 '62.

PERCZEL, K.

"City planning in the Soviet Union." p. 193

MAGYAR EPITOIPAR (Epitoipari Tudomanyos Egyesulet) Budapest, Hungary
Vol. 8, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

ERDEI, Ferenc; PERCZEL, Karoly; HALMOS, Bela; BOROS, Ferenc, dr.

Planning problems relating to the market towns in the
Alfold. Foldr kozl 9 no.3:201-221 '61.

GERLE, Gyorgy, dr.; PERCZEL, Karoly, dr.

Effect of the development of the Council for Mutual Economic Assistance on the formation of regional planning tasks.

Epites szemle 7 no.11/12:339-345 '63

1. Epitesugyi Miniszterium Telepulesfejlesztési Foosztalyanak osztalyvezetoje (for Gerle). 1. Epitesugyi Miniszterium Telepulesfejlesztési Foosztalyanak vezetoje; "Epitesugyi Szemle" szerkeszto bizottsagi tagja.

PERCZEL, Karoly

Trends in the development of our village network. Muszaki kozl MTA 27
no.1/2:175-179 '60. (EEAI 10:4)

1. Magyar Tudomanyos Akademia, Muszaki Tudomanyok Osztalya.
(Hungary--Regional planning)

PERCZEL, Karoly

Regional reports of the city of Pecs. Epites szemle 5 no.3:
72-77 '61.

PERCZEL, Karoly, dr.

Investment concentration and the stages of development in town planning. Építés szemle 7 no.12:361-364 '64.

1. Head, Department of Settlement Development of the Ministry of Construction, Budapest, and Editorial Board Member, "Építésügyi Szemle."

PERCZEL, Karoly

What will socialist villages be like in Hungary? Epites szemle
5 no.7:193-204 '61.

1; Epitesugyi Miniszterium Varos- es Kozsegregendezesi Fozosztalya-
nak vezetoje, es "Epitesugyi Szemle" szerkeszto bizottsagi tag-
ja.

Perczel, K.

Situation of the regions of Budapest, Borsod, and Baranya-Tolna in the country.
p. 93.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 4, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

PERCZEL, Karoly

Regional connections of Szeged and recreation. Epites szemle 6 no.1:
19-22 '62.

1. Epitesugyi Miniszterium Varos- es Kozsegrendezesi Fozsztalyanak
vezetoje es "Epitesugyi Szemle" szerkeszto bizottsagi tagja.

(Hungary—Recreation)
(Hungary—Transportation)

PERCZEL, Karoly

Effect of the overcrowdedness of Budapest on the development of the national system of settlements. Epites szemle 7 no.2:29-36 '63.

1. Epitesugyi Miniszterium Varos- es Kozegrendezesi Fozsztalya-
nak vezetoje; "Epitesugyi Szemle" szerkeszto bizottsagi tagja.

FERCZEL, Karoly

The World Congress on Housing in Paris. Epites szemle 7
no.3:96-97 '63.

1. Epitesugyi Miniszterium Varos- es Kozsegregendezesi Fozszta-
lyanak vezetoje; "Epitesugyi Szemle" szerkeszto bizottsagi
tagja.

PERCZEL, Karoly

Utilization of regional plans. Magyar ipar 12 no.8:340-350 '63.

PERCZEL, Karoly

Society news. Magyar ip 11 no.8:383-384 '62.

1. Építészeti Minisztérium Város - és Községrendezési
Fosztálya vezetője.

PERCZYNSKA-PARTYKA, Wiesława

Principles of surgical treatment of unilateral cleft upper lip.
Czas. stomat. 18 no.8/9:941-946 Ag-S '65.

Our own method for the surgical correction of unilateral cleft
of the upper lip. Ibid.:969-974

Use of free skin grafts in the treatment of extensive pigmented
nevi of the face. Ibid.:975-978

1. Z Kliniki Chirurgii Szczekowo-Twarzowej AM w Łodzi (Kierownik:
prof. dr. med. J. Bardach).

TRONCZYNSKA, Jadwiga; PERCZYNSKA-PARTYKA, Wieslawa

Indications for the use of a palato-pharyngeal flap in the surgical correction of cleft palate. Czas. stomat. 18 no.8/9: 947-950 Ag-S '65.

1. Z Osrodka Leczenia Wad Rozwojowych Twarzy przy Klinice Chirurgii Szczekowo-Twarzowej AM w Lodzi (Kierownik: prof. dr. med. J. Bardach).

RYKOWSKI, Henryk; PERCKYNSKI, Antoni; BARANSKI, M.

Treatment of purulent mastitis. Polski przegl. chir. 27 no.11:
1069-1072 Nov 55.

1. Z Oddziału Chirurgicznego Szpitala ul. Żelazna 30, Warszawa
i Ambulatorium Chirurgicznego Oddziału Zdrowia, Śródmieście Warszawa
Warszawa, Nowolipki 15 n. 33, blok 46.

(MASTITIS

puerperal, ther. in purulent cases)

(PUERPERIUM, compl.

mastitis, purulent, ther.)

LITWIN, Boguslaw (Warszawa); GRABOWSKI, Tadeusz (Plock); PERCZYNSKI,
Waldemar (Warszawa)

Equipment outfit for the construction of the Combine in Plock.
Przeegl budowl i bud mieszk 34 no.4/5:255-258, 265 Ap-My '62.